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49 Human ATP-Binding Cassette Transporters

Name	ABC1	MDR	MRP	ALD	OABP	GCN20	White
Subfamily	ABCA	ABCB	ABCC	ABCD	ABCE	ABCF	ABCG
Members	12	11	13	4	1	3	5 (+17)
Some Inhibitors	DIDS Glyburide	Verapamil Valsopodar Nicardipin Nimodipin	MK-571 Benzbromaron				
Symbols Access	ABCA1: NM005502	ABCB1 NM000927	ABCC1 NM 004996	ABCD1 NM 000033	ABCE1 NM 002940	ABCF1 NM 001090	ABCG1 NM 004915
	ABCA2: NM001606	ABCB2 NM000593	ABCC2 NM 000392	ABCD2 NM 005164		ABCF2 NM 005692	ABCG2 NM 004827
	ABCA3 NM001089	ABCB3 NM000544	ABCC3 NM 003786	ABCD3 NM 002858		ABCF3 AK002060	ABCG3
	ABCA4 NM000350	ABCB4 NM000443	ABCC4 NM 005845	ABCD4 NM 005050			ABCG4 NM 022169
	ABCA5 NM018672	ABCB5 U66692	ABCC5 NM 005688				ABCG5 NM 022436
	ABCA6 NM060284	ABCB6 NM 005689	ABCC6 NM 001171				ABCG6 NM 022437
	ABCA7 NM019112	ABCB7 NM004289	ABCC7 NM 000482				
	ABCA8 NM007168	ABCB8 NM 007188	ABCC8 NM 000352				
	ABCA9 NM080283	ABCB9 NM 019624	ABCC9 NM 005691				
	ABCA10 NM080282	ABCB10 NM 012089	ABCC10 XM052745				
	ABCA12 NM015557	ABCB11 NM 003742	ABCC11 NM 033151				
	ABCA13		ABCC12 NM 033226				

ABCC13
NM 138726

FIGURE 1

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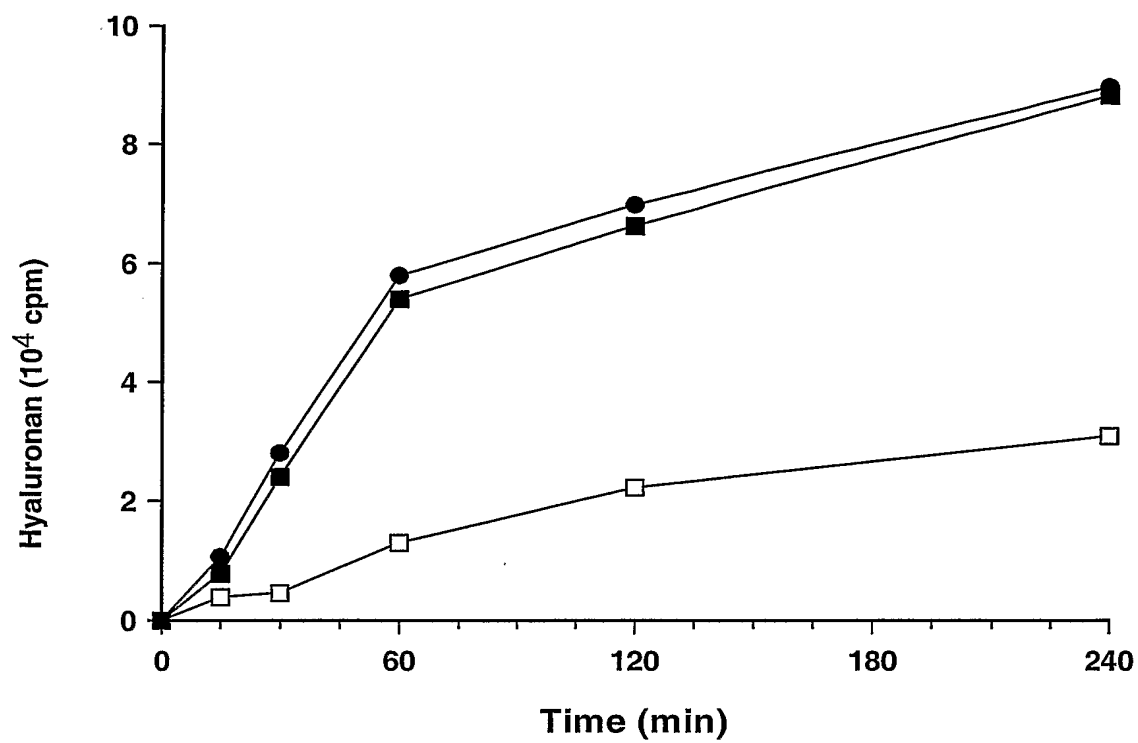


FIGURE 2

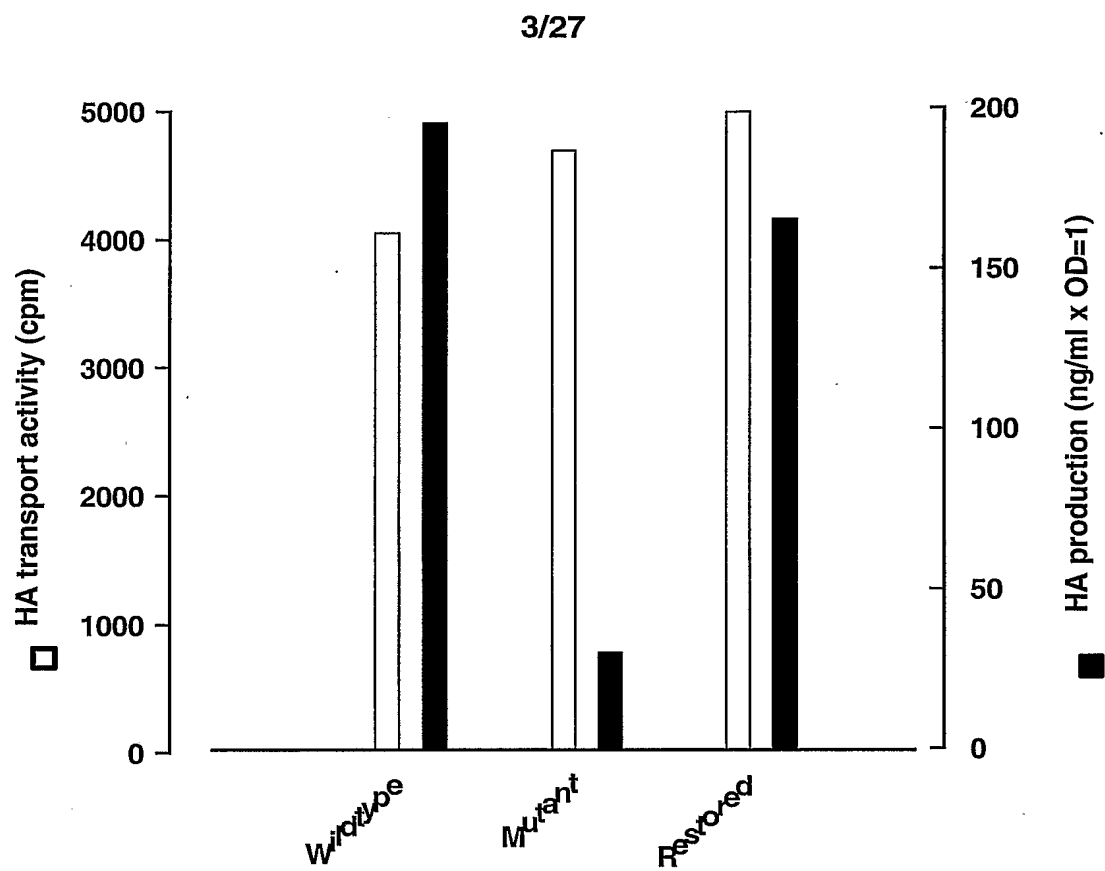


FIGURE 3

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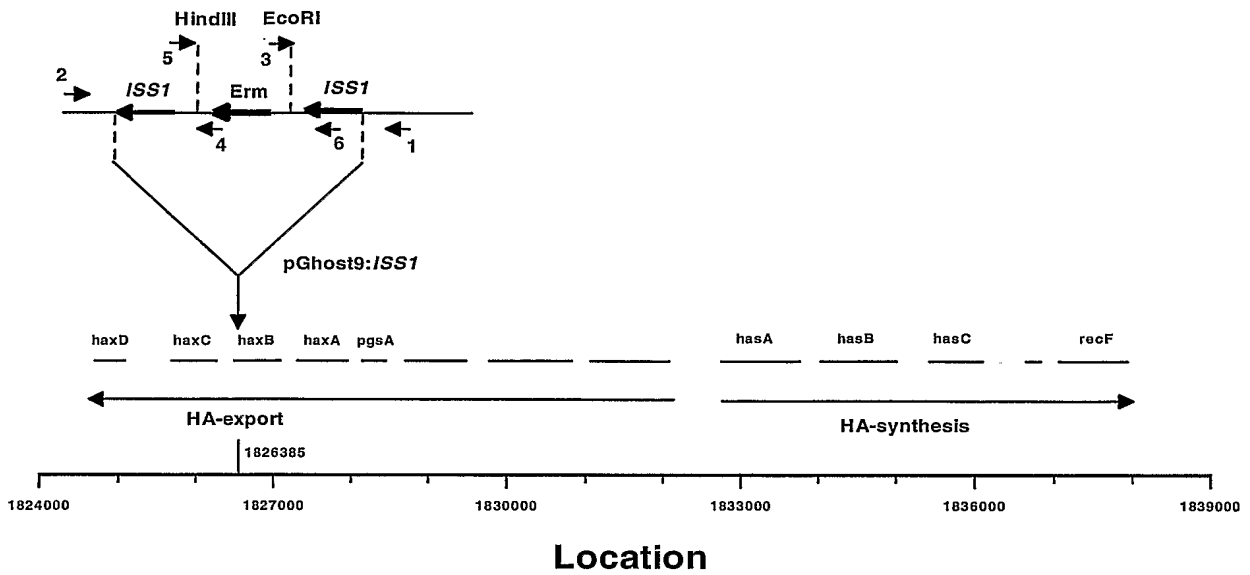


FIGURE 4

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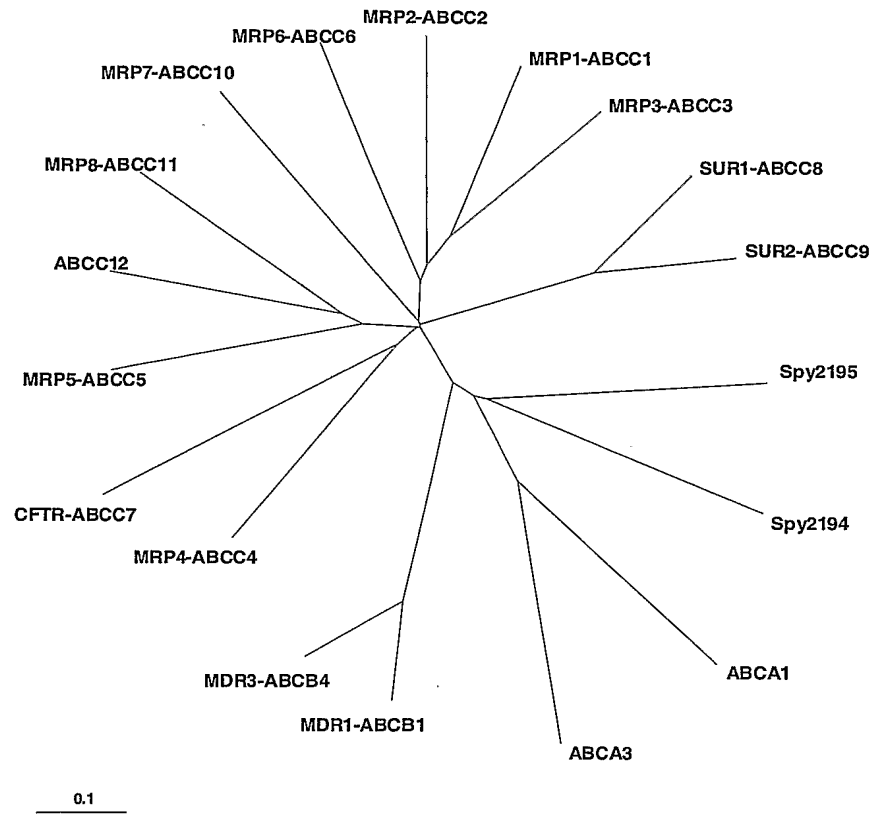


FIGURE 5

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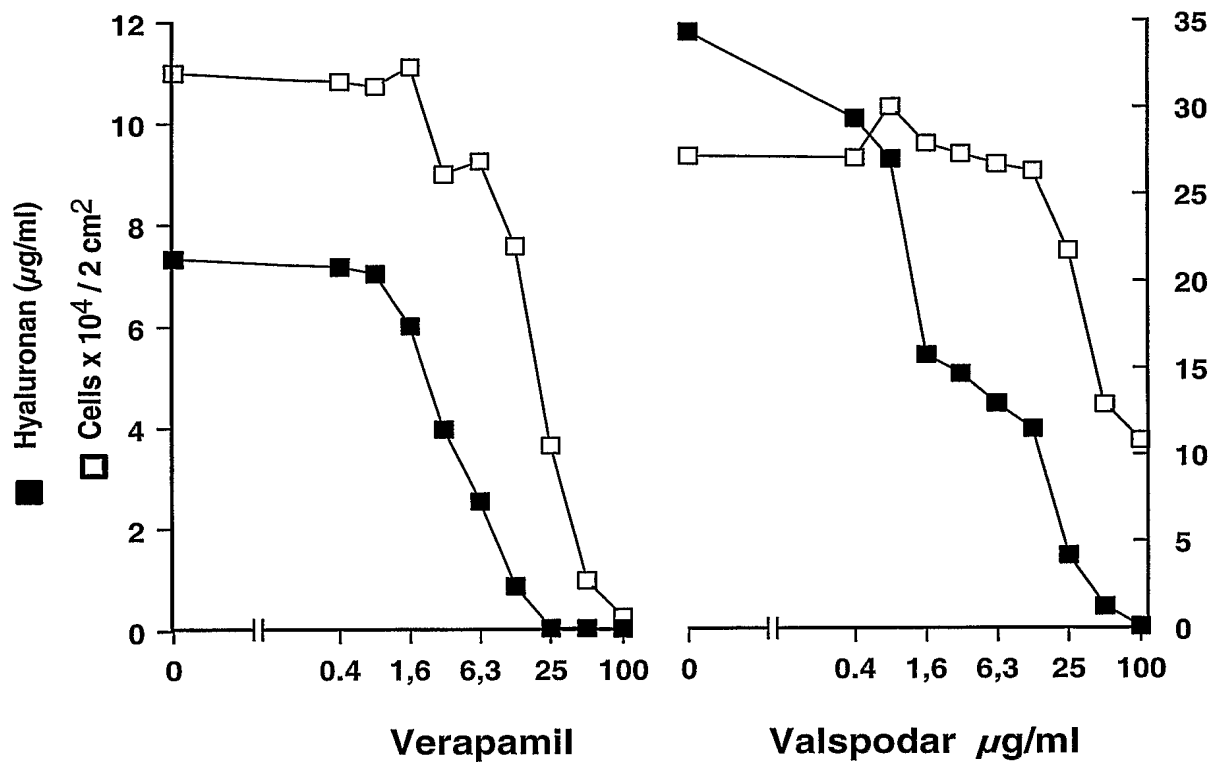


FIGURE 6

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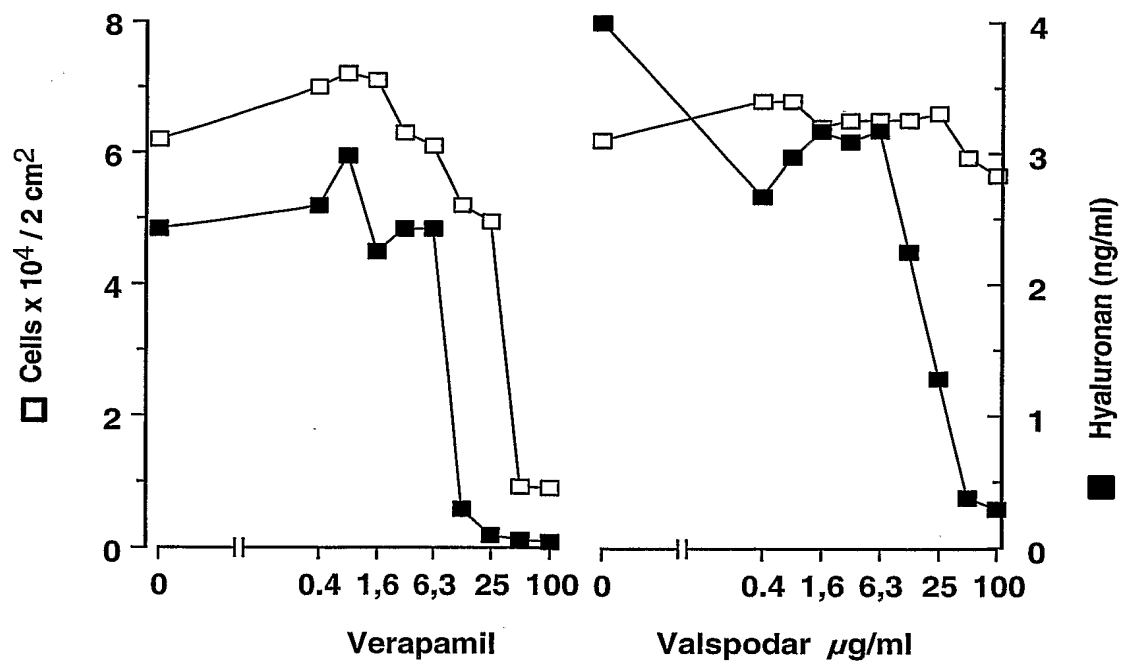


FIGURE 7

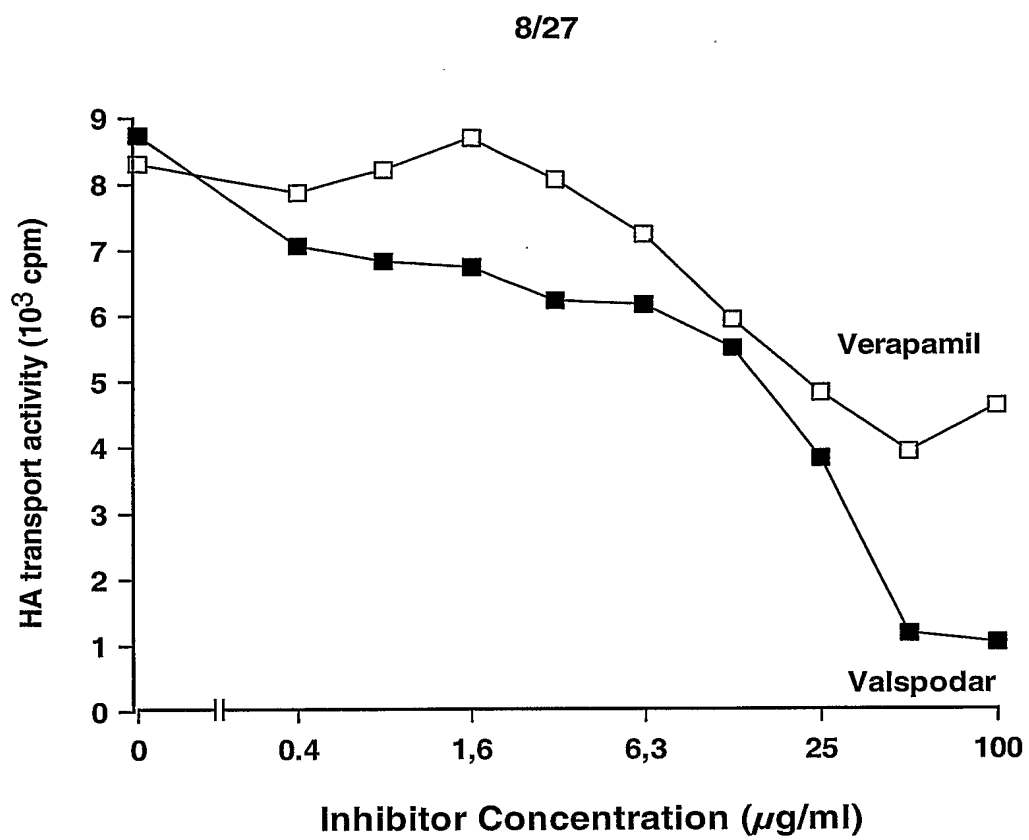


FIGURE 8

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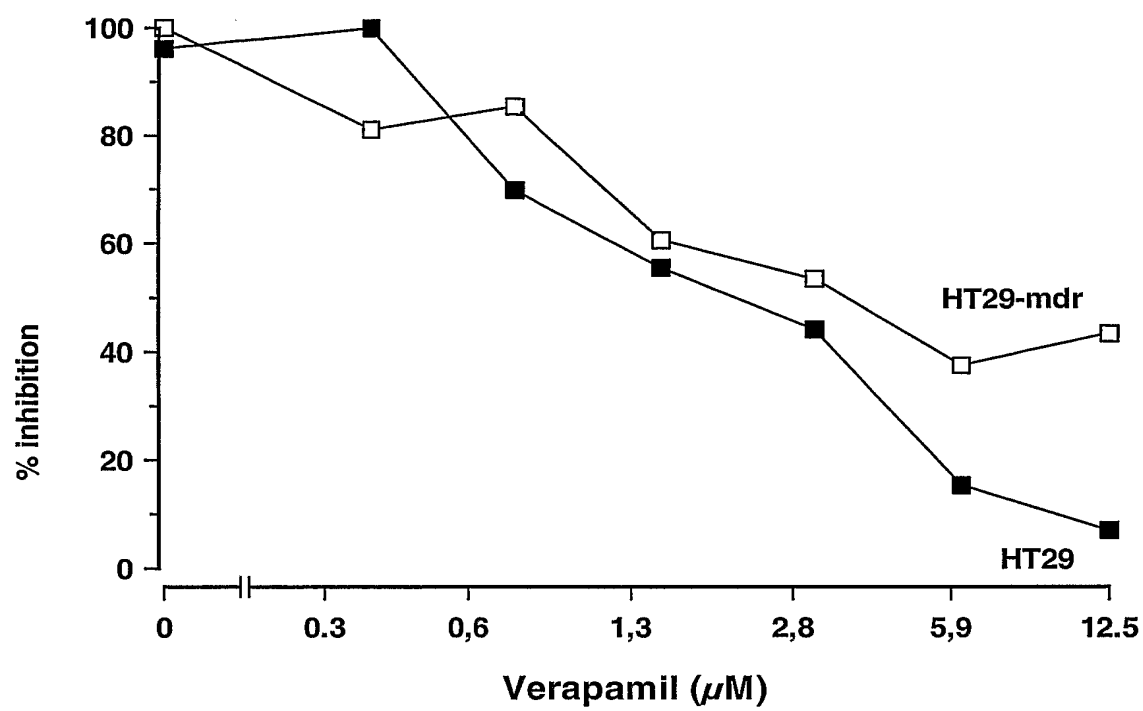


FIGURE 9

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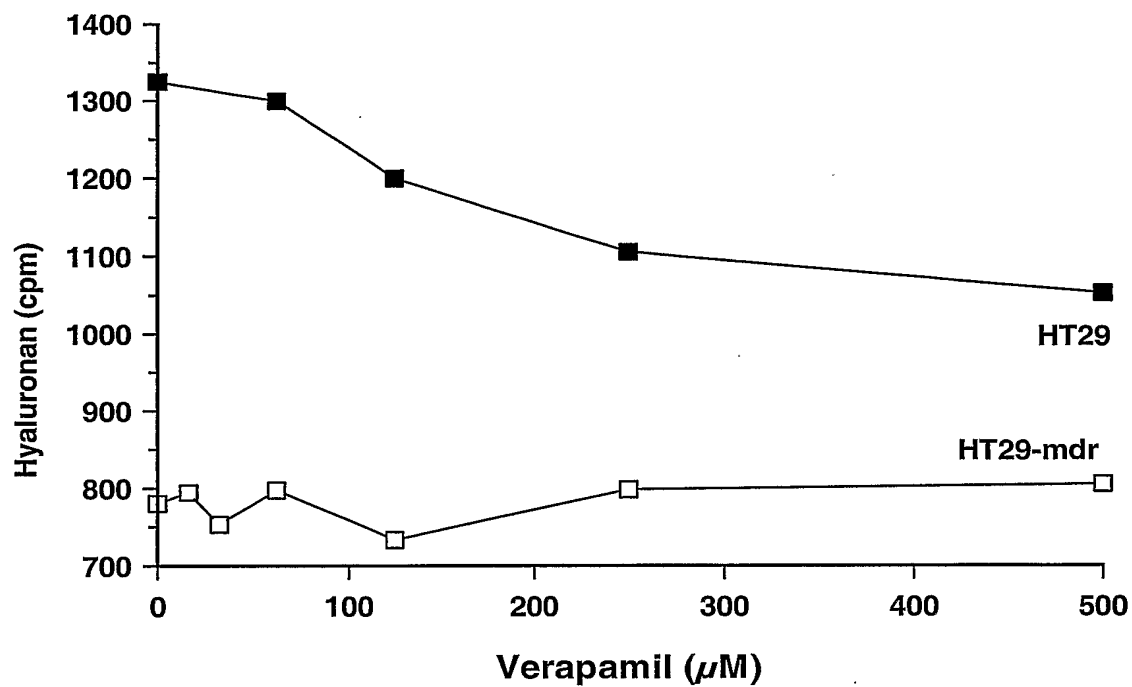


FIGURE 10

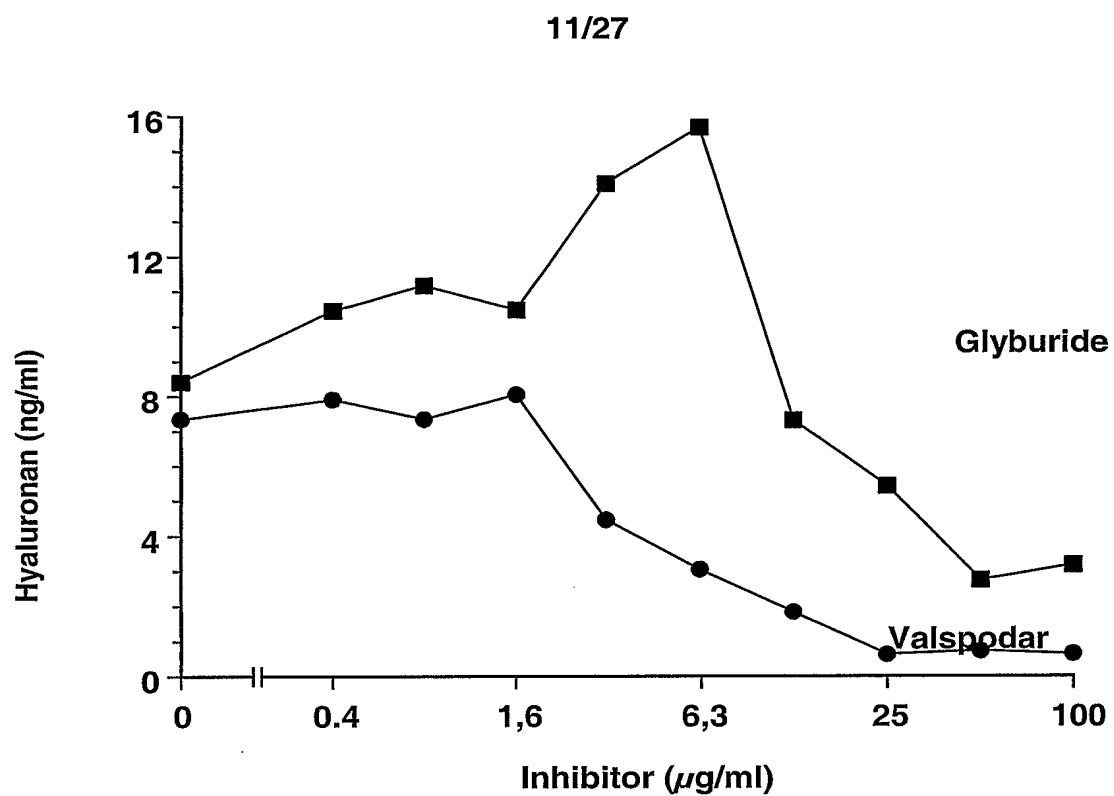


FIGURE 11

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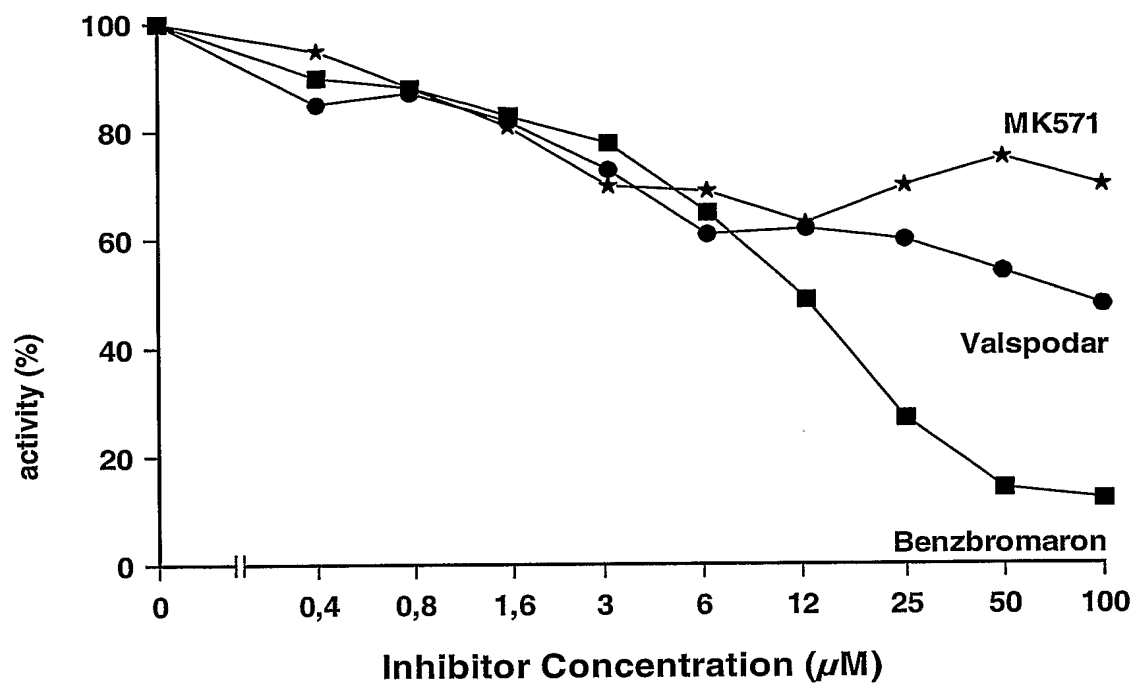


FIGURE 12

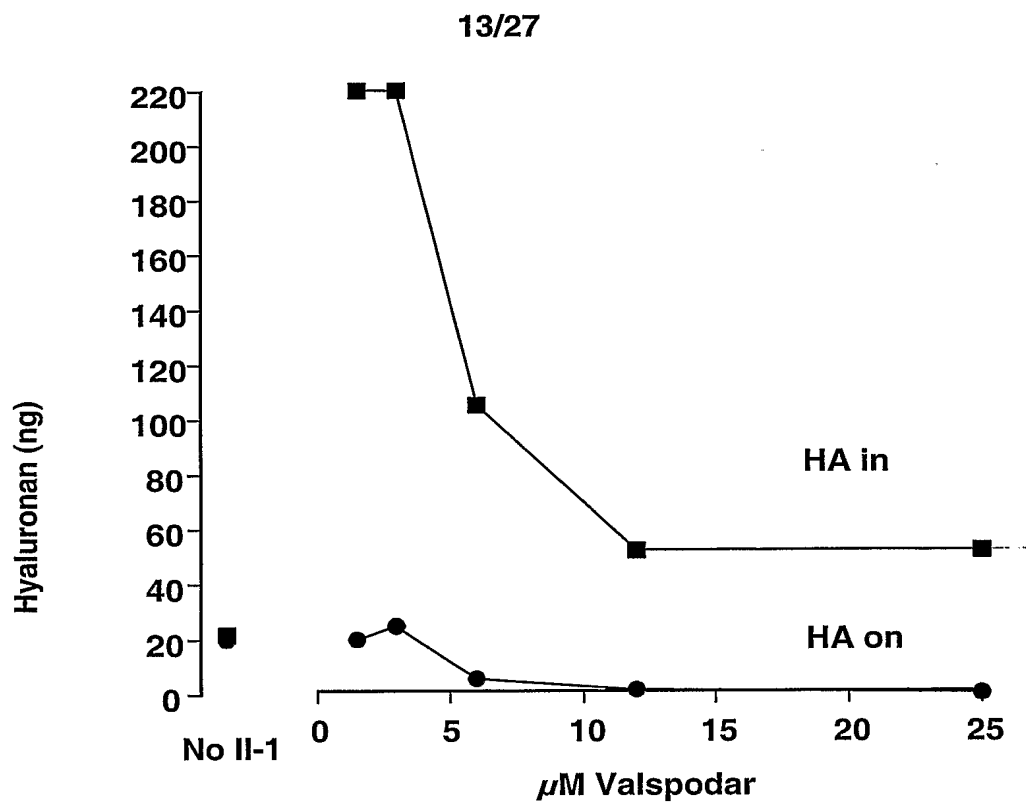


FIGURE 13

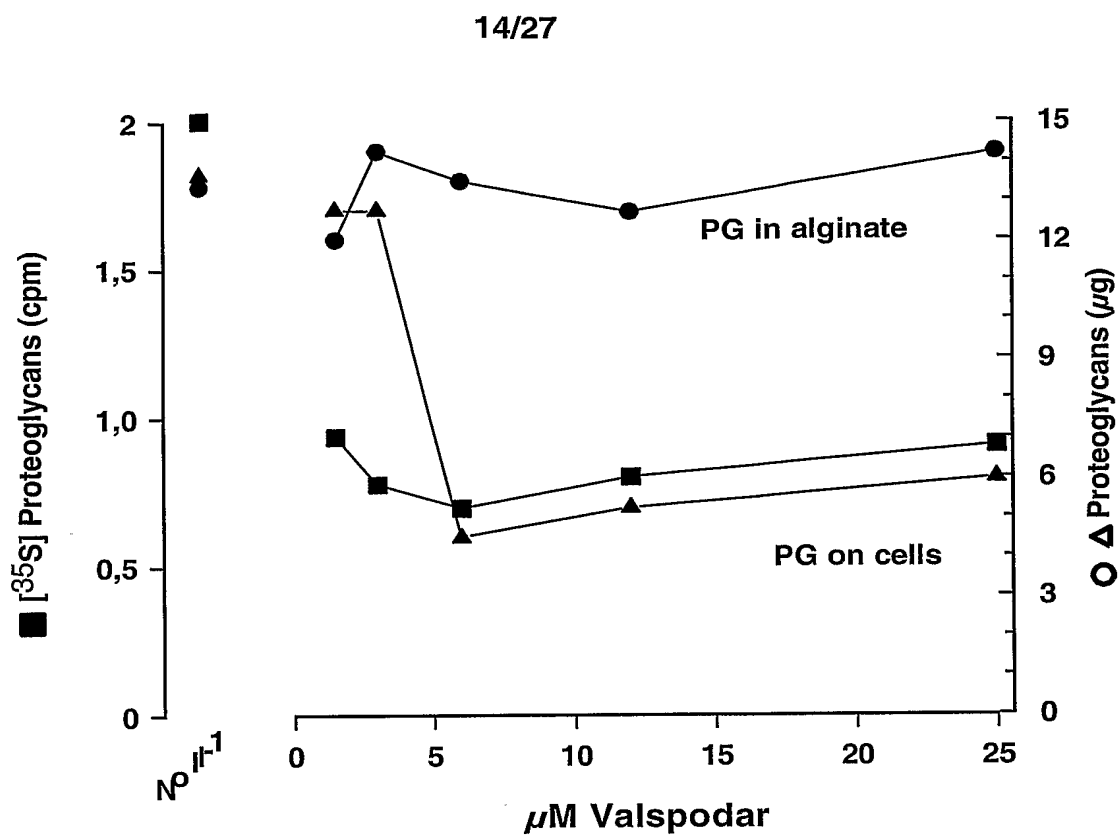


FIGURE 14

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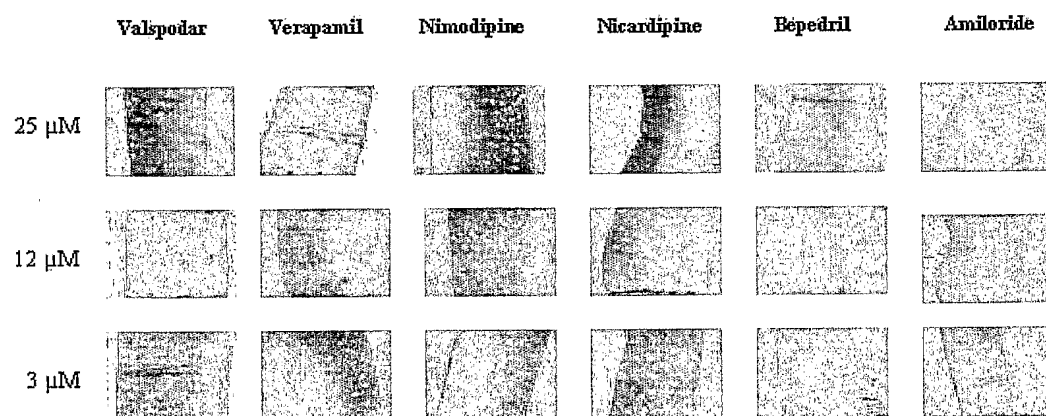


FIGURE 15

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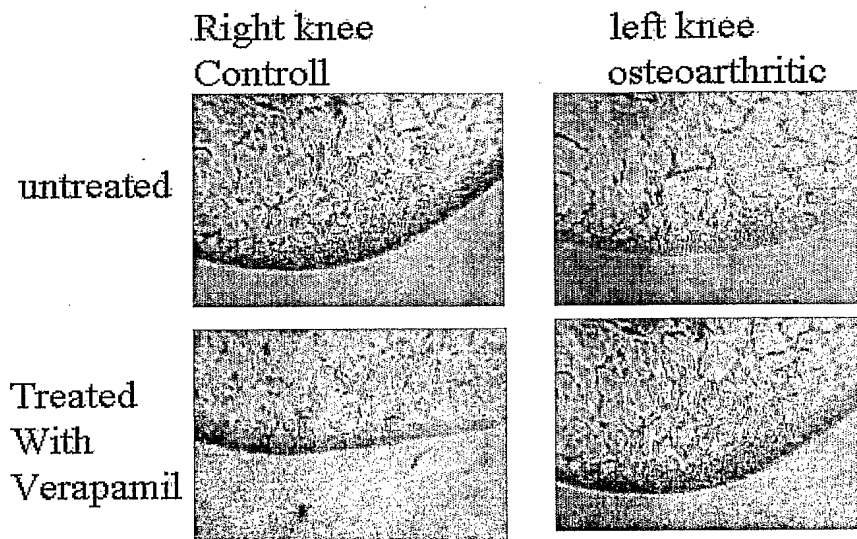


FIGURE 16

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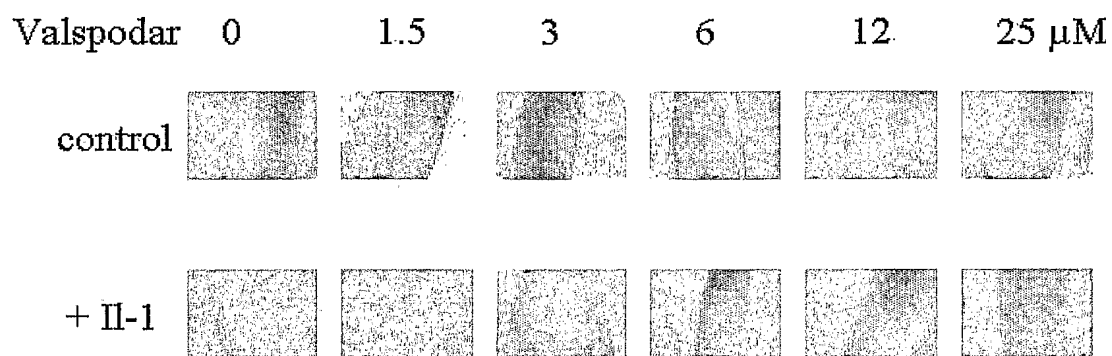


FIGURE 17

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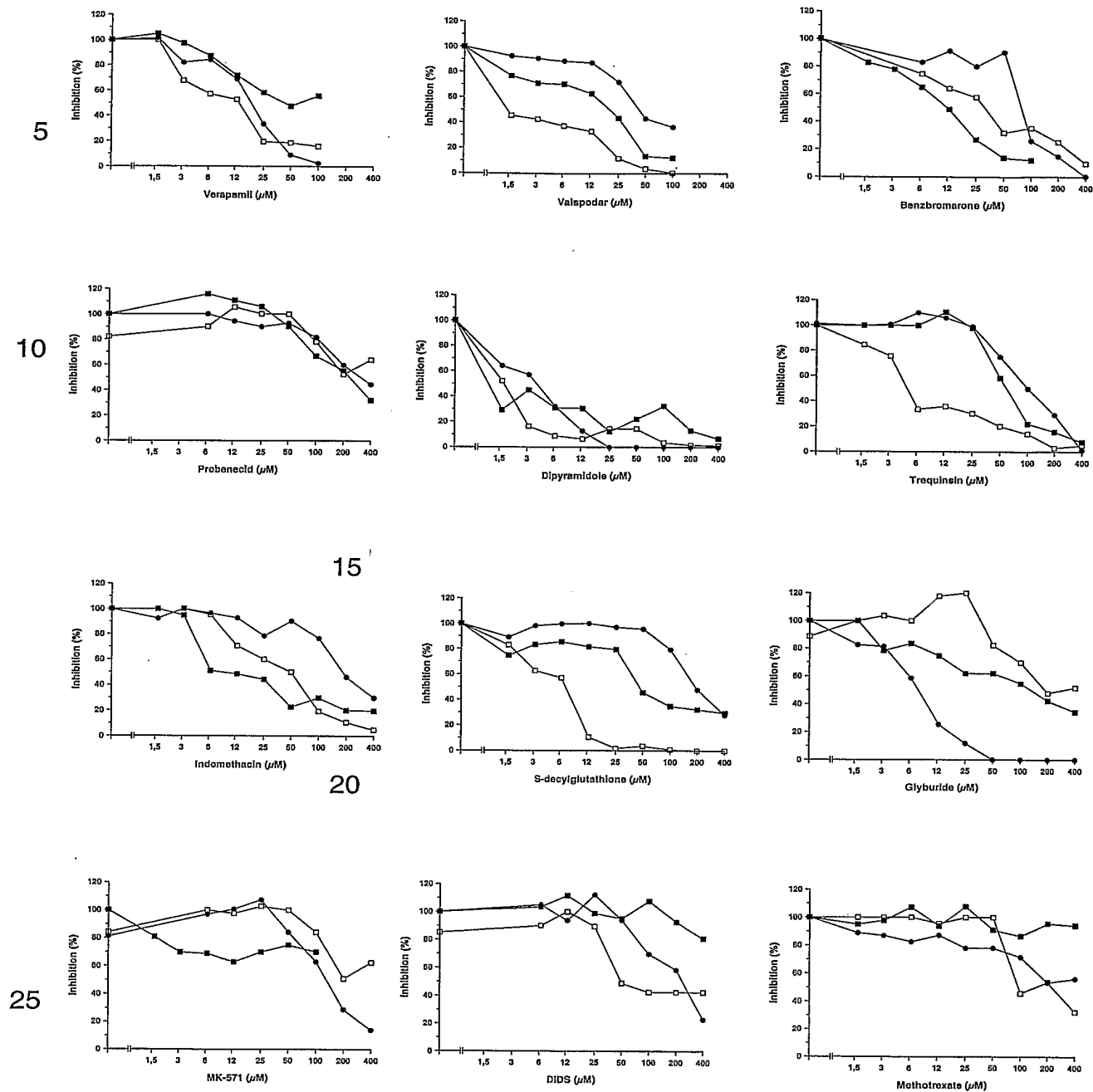


FIGURE 18

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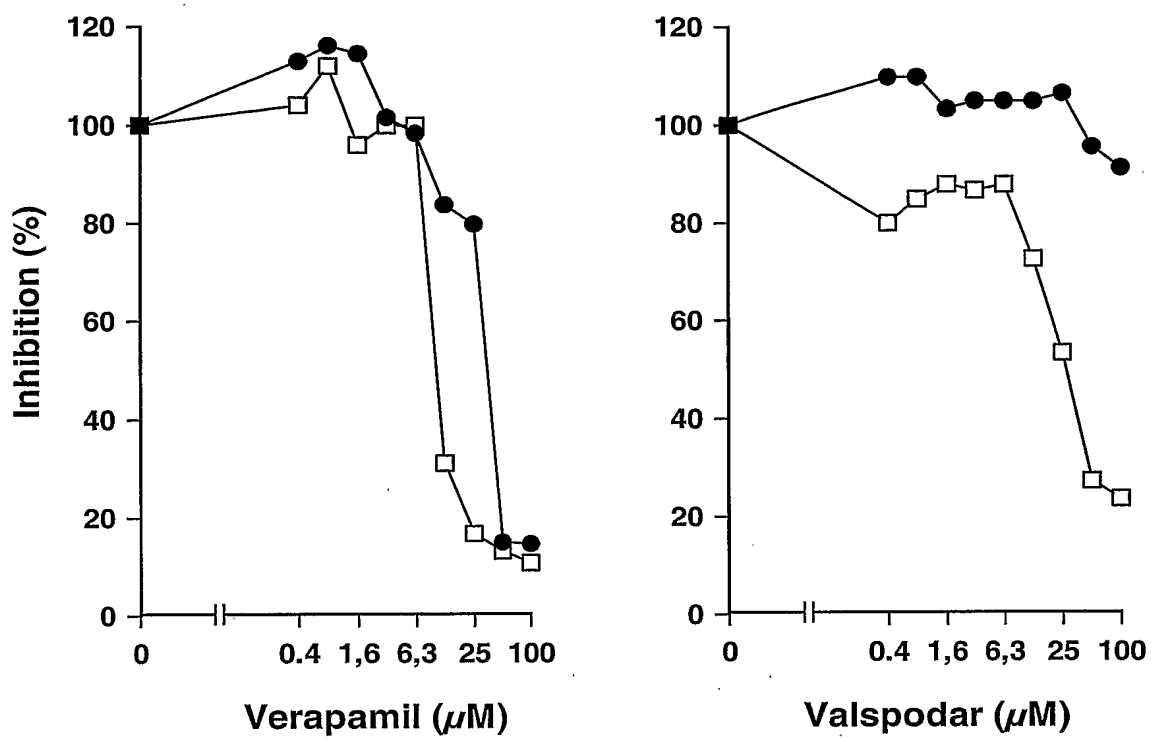


FIGURE 19

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Inhibition of Hyaluronan export
by MRP5-RNAi

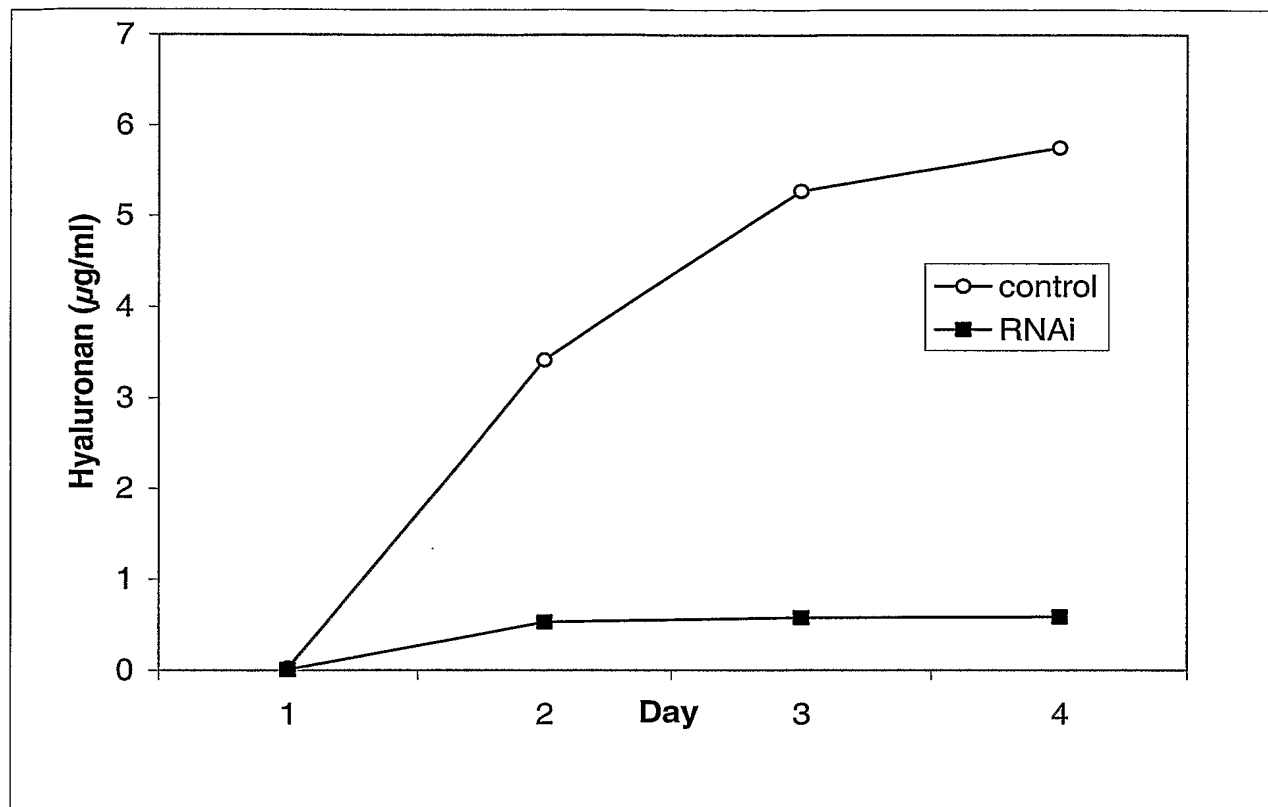
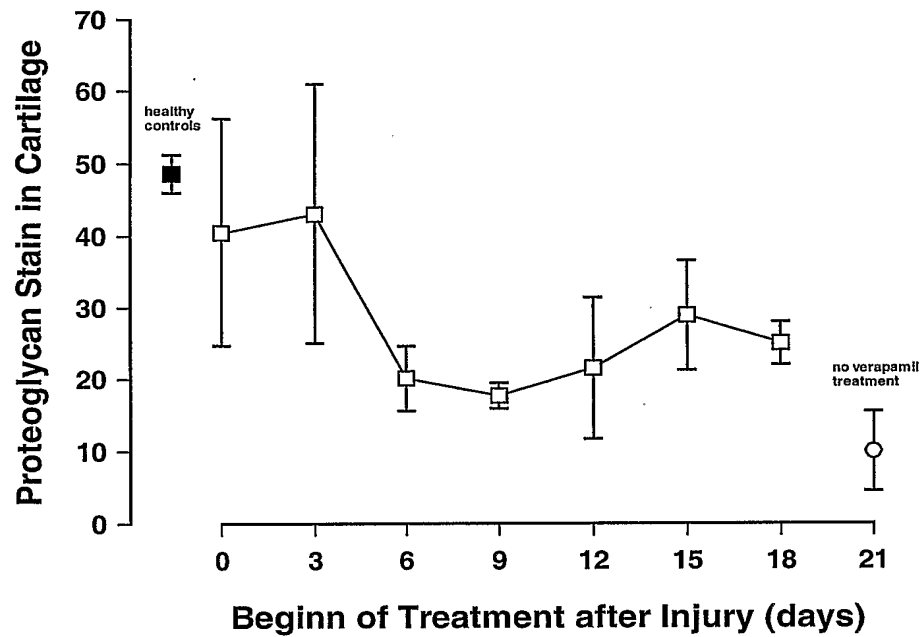


FIGURE 20

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Delayed Treatment of Osteoarthritis with Verapamil**FIGURE 21**

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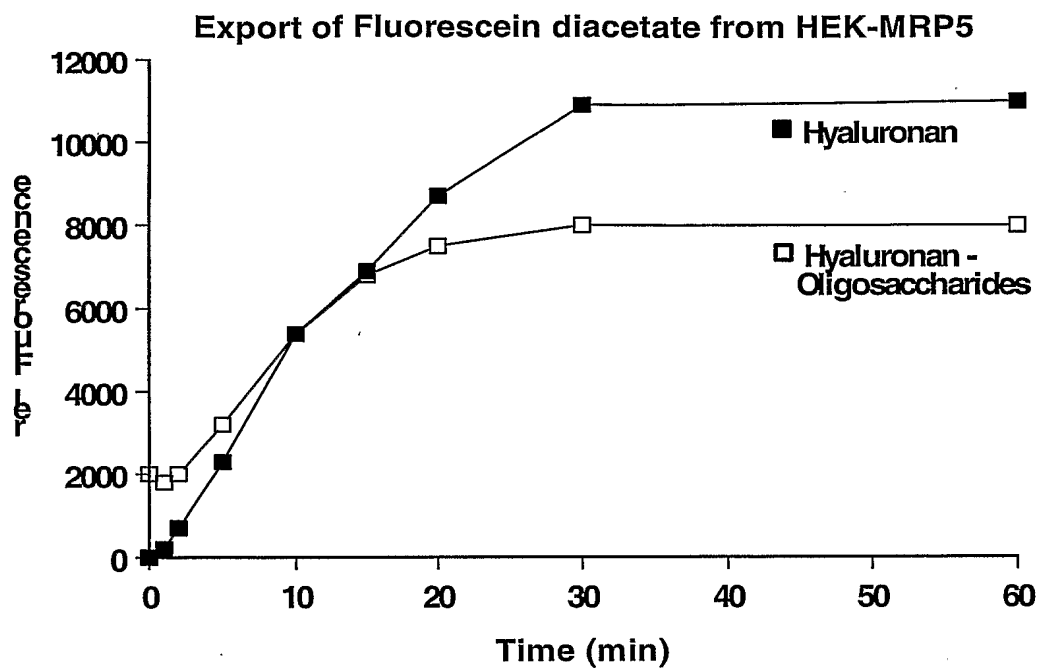


FIGURE 22

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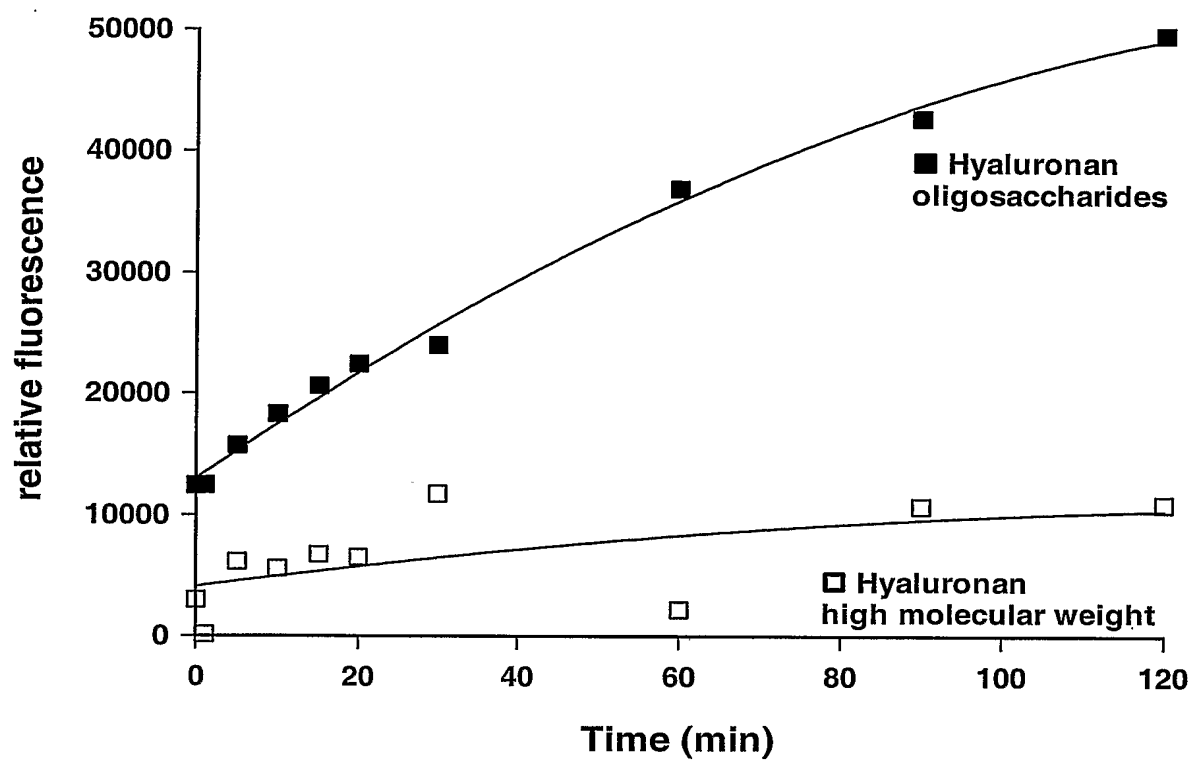


FIGURE 23

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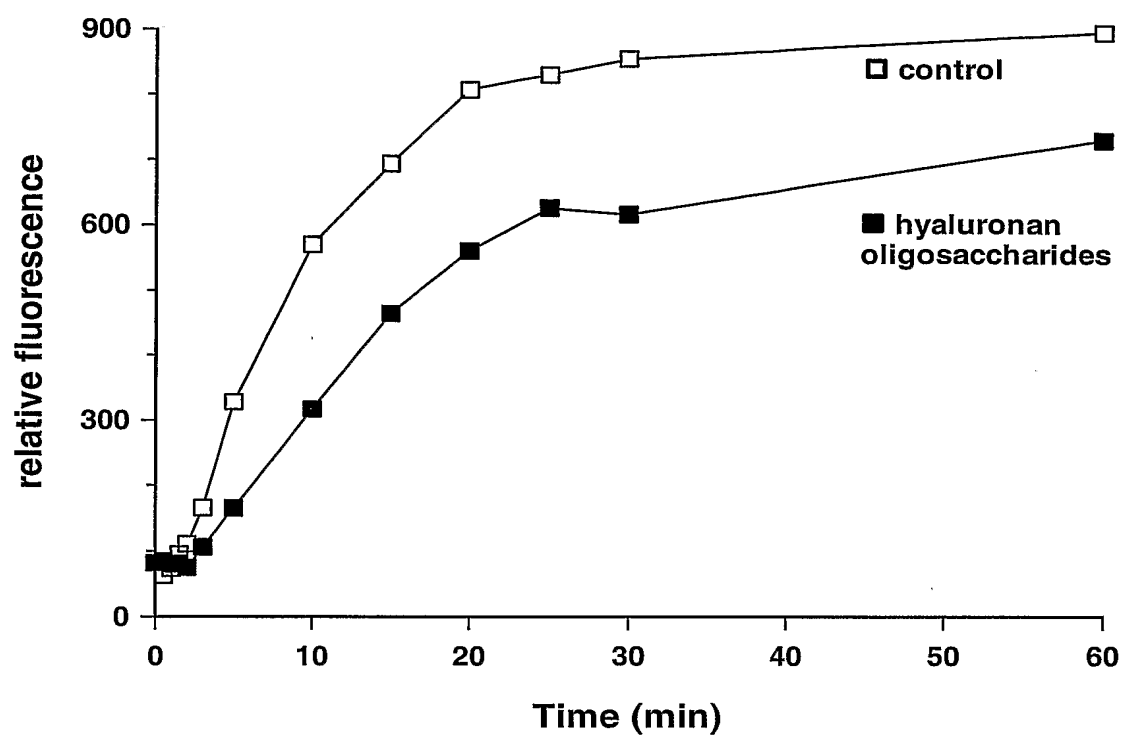


FIGURE 24

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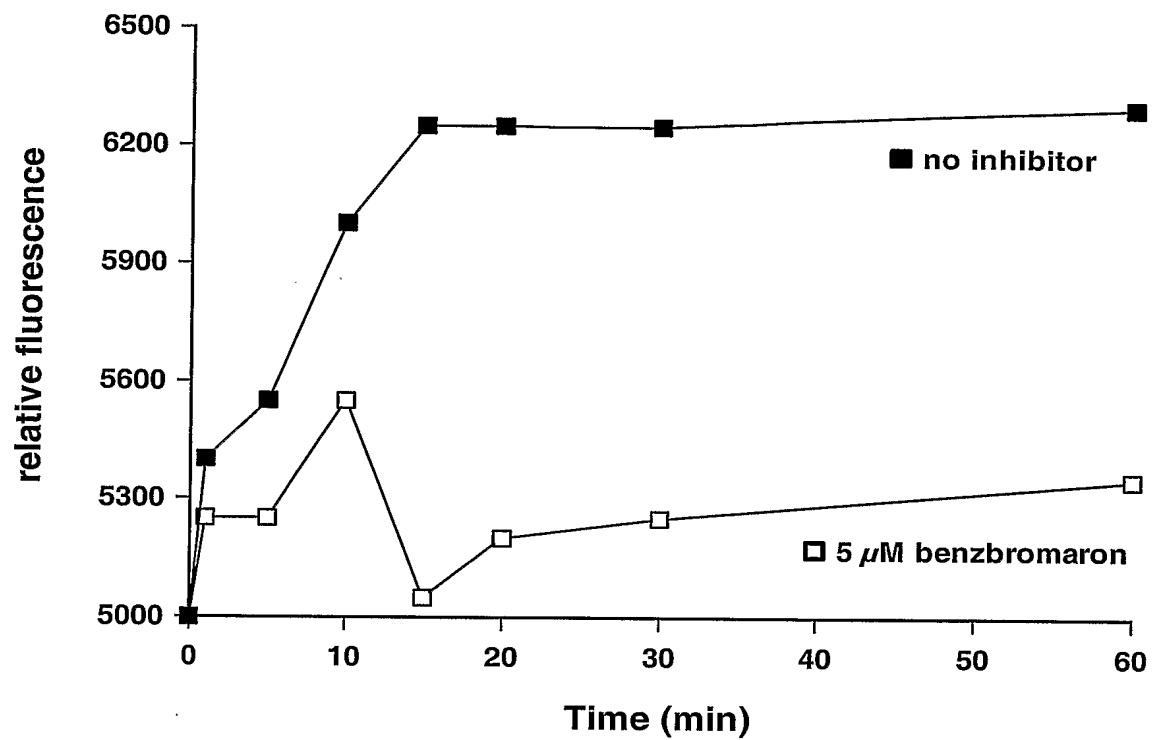


FIGURE 25

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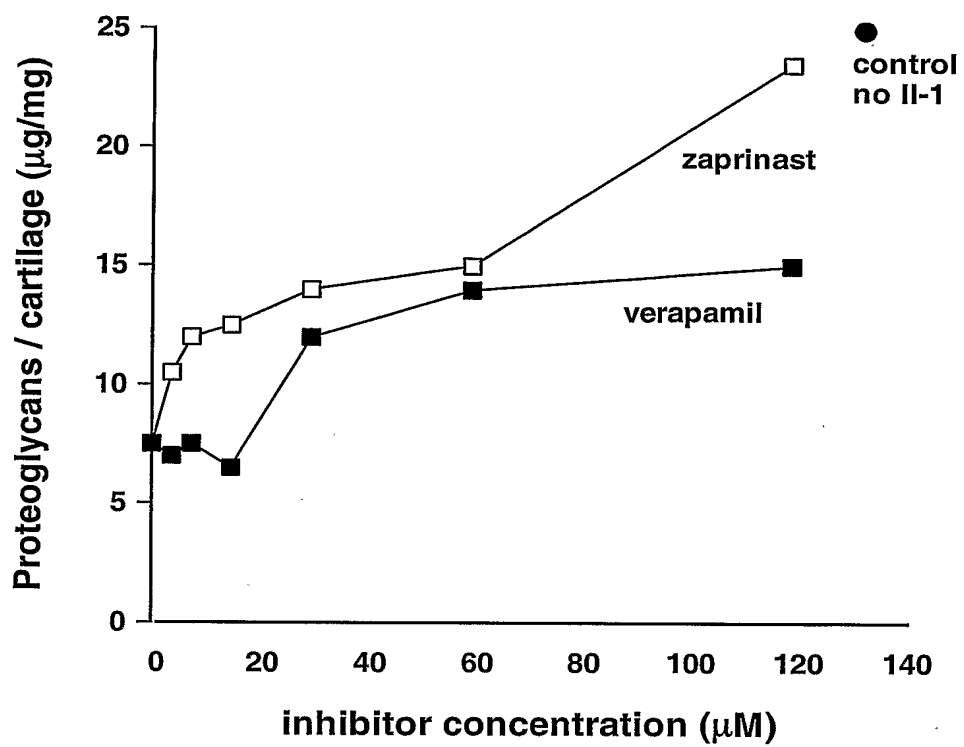


FIGURE 26

Figure 27/27

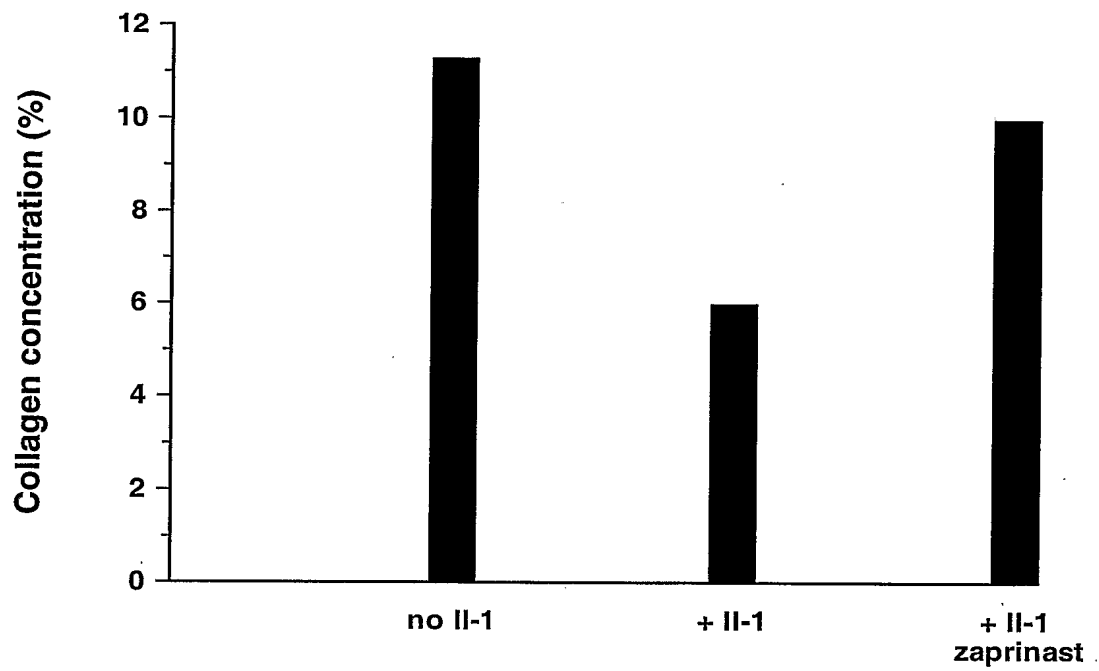


FIGURE 27